

RAW SEQUENCE LISTING
ERROR REPORT



NOV 13 2001

RECEIVED

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/303,518C

Source: OIP

Date Processed by STIC: 9/18/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/303,518C

DATE: 09/18/2001

TIME: 13:05:26

Input Set : A:\CHIR0160.ST25.2of2.txt

Output Set: N:\CRF3\09182001\I303518C.raw

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed

see next page

<210>	495
<211>	3045
<212>	DNA
<213>	<i>Neisseria gonorrhoeae</i>
<400>	495

where are sequences 1-494?

atgtttttga	taattttgat	cgttattgtg	tgttgctcgc	tgtgcgcgct	gtttttttgc	120
cgcgcacata	cgcaacgcga	gtgttagtgc	gaggtttctg	cgtagcgaga	aaagaaaagg	1200
gaaaacacag	cggaatcgca	tgaataccaa	gacggtatgc	ccgattttcc	cgagttttcc	1800
ctgatgtctt	tccatgtccg	caaaacgcgc	gtgtatgata	tgtttgtcgt	gtctgcctgt	2400
ttctgcgcga	atactatcgg	gcacgaatcc	gaacgcgcga	ggcccgctcc	gctgtctctt	3000
gcacaaacctg	cggagtgtcc	gacccgcatcc	gacgggtatt	cacagacagt	aaacggggacg	3600
gaagaagcgg	aaacgcgaagc	agcagaagct	cgcggaagag	agcgtccgca	tacggaagac	4200
attatcaactg	ccgtaatacga	caaacgcgcgc	atccattctc	accgagagat	tgcgtgaaggg	4800
ttgatgcagt	ctgaagaagca	aacttcgcgc	gtccgtccgg	tttttaagcg	aatcaacttg	5400
gaagaagacaa	cgcgctgtctt	aaagcagcgcg	cccttaaggg	aaacgaaaaa	acgctatatc	6000
gatcattttt	agaaaaacgtt	aacagcgcgtc	gccattgcagc	gcgtgtccgc	taccocgatg	6600
gaagggtcgcg	agattatgcg	ttttgcagac	ccctgtgatt	aacgcacgta	ttcccgatag	7200
ctttgtatgc	acaaagaagc	gttttccgag	ttctcgattc	acggatattg	gcgctatttt	7800
gagaagcagc	atccgctctgc	cttttctgca	ccaaaacgcg	aaaaatgcac	gaatgcgcgc	8400
ttccgcgcgt	atgcagggcca	gagaagaagg	cagcgcgagg	caaaatcccc	ggtgttttcc	9000
caagggcgaat	ccggtttcaga	cgcgcacgcc	ttccgcgagt	ccgcgccgcg	cgtttccgct	9600
aatttgaagc	aaccgacaac	ggcaacggtt	ttctgcgagg	cgcggtattc	gcyctcattt	10200
ccggaaaagt	ggacggtgtg	cggtaaacgc	gatgtcgaaa	tgcgctctga	aaccgaaatt	10800
gttttttcgt	aaacccgttt	cttttgtggg	taccgcgctc	cggtttatga	tgaagctgcc	11400
gataccatca	ttgaagacgc	ttccgcgcgc	gatgtctggc	tgtgtgaacc	acccgaaatg	12000
ccggagggtag	ccgtacccga	aatogatatt	gtcgcgcggc	ctcccgatc	ggaaattcat	12600
aaccgtacct	atagacccgc	ggcaggatcc	gagcaggcgc	aacgcagcat	cattgcgcga	13200
accgaccatc	ttgcgcgtga	tgttttgaa	ggaggtgtgc	aggaggaac	ccgcgctatt	13800
gcagatgacg	gcagtgaagg	gcagtcagag	cgctcaagcc	tgcaattatc	gtcggaaacc	14400
gaagcgttcg	ggcatgacag	taccgcggtt	tgtcgtttt	aaagtatgtc	gtctgaagcc	15000
ccgtctctgc	gggtatctga	tcagggaagc	gatgaagggg	cgttccatcc	ggaagagacc	15600
gggtgcggat	cgcaaacact	gcgcgacaac	gacctgtctc	tgccctctgt	gttcaattcc	16200
gaggcgacga	aaacgcgaac	agaactgttg	gaaacagcta	tcaaccatga	agaaaattcg	16800
cgcgagttca	aaagtcaagg	caaggttgtc	gattcttatt	ccggcgccgt	gattcacggt	17400
tatgaatcgt	aacccgatgt	cgcgctcgcg	gcgaattcgc	tttgtgaatt	ggaaaagaac	18000
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tgcagtccgt	tgtgaacttc	gaacccgaaa	cgccaaatga	taocgctgag	cgaaattttc	19200
aattgcccgc	agtttggca	atccaaatcc	aaagtcgacg	tcgcgctcgc	tcaggacatt	19800
accggacagc	ccctgtctga	cgaattgggc	agacacccgc	atttgtggt	ggcgccgacg	20400
accggttccg	gcaattcsgt	gggtgtcaac	gcgatagttc	ttctctagtt	tttcaaaagg	21000
gcgcgggaag	ctgcgtctat	gtattgatgc	gatccgaaaa	tgtctgaatt	gagcatttat	21600
gaaggctaca	cgcaactcgt	gcgccctgtc	gttaccgata	tgaagctcgc	ggcaaacggt	22200
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ggcaactcgt	tcagctcatc	gcccgacgat	cccgcaactt	tggaaaaact	gcggttttat	24000
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caacgcgccca	gccttgatgt	ctatcagggt	ctgatattgc	gcaacattcc	gacgcgtatc	25800
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tttgcgcagc	cgacatattt	tgaacatatt	ttgagcgcg	gcggcagcgc	agagctgcgc	28200
ggcatcctgc	gcagcgcgtg	cggcgaaaac	ctgcgcatgt	acgacgaggc	cgatatccgtt	28800
cttgcgtaaa	cgcgcgaagc	oagcatattg	ggcgtaacgc	gcgccttgcc	ctatcggctac	29400
aacccgcgcg	ccgcgtctat	tgacaaatgt	gaagcggagg	gcatttgttc	cgcacccgga	30000
cacacagccga	acgctagcat	tctctcccc	ttgacagatt	ctttaa		30450

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<210>          ^ 496
<211>          1014
<212>          . PRT

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Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/303,518C

DATE: 09/18/2001

TIME: 13:05:32

Input Set : A:\CHIR0160.ST25.2of2.txt

Output Set: N:\CRF3\09182001\I303518C.raw

L:0 M:282 W: Numeric Field Identifier Missing, <110> is required.
L:0 M:282 W: Numeric Field Identifier Missing, <120> is required.
L:0 M:282 W: Numeric Field Identifier Missing, <160> is required.
L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:498
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:692 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:702 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:501
L:798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:810 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:502
L:1206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:508
L:1226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:509
L:1448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:513
L:2010 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:518
L:2030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:519
L:2548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:524
L:2556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:524
L:3124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:532
L:3140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:532
L:3778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:542
L:3976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:545
L:4314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:550
L:4342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:550
L:4488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:553
L:4492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:553
L:4500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:553
L:4502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:553
L:4550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:554
L:4558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:554
L:4574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:554
L:4578 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:554
L:4582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:554
L:4740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:558
L:4948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:561
L:5022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:562
L:5026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:562
L:5218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:566

VERIFICATION SUMMARY

DATE: 09/18/2001

PATENT APPLICATION: US/09/303,518C

TIME: 13:05:32

Input Set : A:\CHIR0160.ST25.2of2.txt

Output Set: N:\CRF3\09182001\I303518C.raw

L:5650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:574

L:6008 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:577

L:6010 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:577

L:6012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:577

L:6020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:577

L:0 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (0) Counted (604)